

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39	(("5887668") or ("5887655") or ("5836409") or ("5826651") or ("5803666") or ("5787978") or ("5785132") or ("5717334") or ("5706905") or ("5615747") or ("5575344") or ("5560440") or ("5553679") or ("5546317") or ("5526880") or ("5520255") or ("5477925") or ("5458209") or ("5435400") or ("5402856")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:05
L2	207	(405/184.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L3	310	(166/358,361).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L4	305	(166/277).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L5	421	(175/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L6	660	(166/344,301).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L7	952	(137/317,318,15.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 13:06
L8	2796	L2 L3 L4 L5 L6 L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 13:06
S1	9156	pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/20 13:38
S2	687	pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well and offshore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/20 13:43
S3	6	(("6613982") or ("6454007") or ("5918667")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/20 17:29

S6	116484	"15"/\$.ccls. "138"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/13 11:18
S7	27	("5785132") or ("5717334") or ("5706905") or ("5615747") or ("5575344") or ("5560440") or ("5553679") or ("5546317") or ("5526880") or ("5520255") or ("5477925") or ("5458209") or ("5435400") or ("5402856").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/13 11:19
S8	181	(405/184.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/13 11:27
S9	2	("6688392").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/13 11:28
S10	15	("4140179"   "4457365"   "4848475"   "4900433"   "4982794"   "5280766"   "5460227"   "5474601"   "5570744"   "5698014"   "5765964"   "6062313"   "6192988"   "6230810"   "6299672").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 08:02
S11	284	intervening same pipeline and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:03
S12	4	intervening same pipeline and storage and offshore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:22
S13	1564	pipeline and storage and offshore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:22
S14	777	pipeline same offshore and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:32
S15	24	pipeline same offshore and storage and coiled adj tubing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:23
S16	7	("3239004"   "3346045"   "3472032"   "3642070").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 08:26
S17	5	("4125162").URPN.	USPAT	OR	OFF	2007/05/14 08:30
S18	67	pipeline same offshore and storage and (stuck blockage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:42
S19	3	("4133418").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 08:42

S20	26	("3003560"   "3239004"   "3308880"   "3367421"   "3396789"   "3422895"   "3473605"   "3525401"   "3556209"   "3599711"   "3608631"   "3638722"   "3722585"   "4133418"   "4225160"   "4260022"   "4277202"   "4418756").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 08:54
S21	181	(405/184.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 09:09
S22	1270	(subsea offshore) same pipe \$5 and (repair blockage stuck)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:12
S23	444	(subsea offshore) same pipe \$5 and (blockage stuck)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:12
S24	38	S23 and "405"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 09:12
S25	7	("2178720"   "3515837"   "6049657"   "6278095"   "6278096").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 09:15
S26	13	("6371693").URPN.	USPAT	OR	OFF	2007/05/14 09:16
S27	6	("6200068").URPN.	USPAT	OR	OFF	2007/05/14 09:18
S28	13	("3593728"   "3641777"   "4203687"   "4411459"   "4485668"   "4649948"   "5109562"   "5437517"   "5593249"   "5674323"   "5795402"   "5814162"   "5988188").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 09:19
S29	15	("2794758"   "3494813"   "3662045"   "4202531"   "4360290"   "4456401"   "4596381"   "4773450"   "4840352"   "4848734"   "4867921"   "5486332").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 09:58
S30	3	("6109829").URPN.	USPAT	OR	OFF	2007/05/14 09:58
S31	3	("4203687"   "4234268"   "4832530").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 09:59
S32	1	("5437517").URPN.	USPAT	OR	OFF	2007/05/14 09:59
S33	26295	vessel and well and intervention	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 10:27
S34	13	vessel near5 well adj intervention	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 10:40

S35	2	(10/192784).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 10:40
S36	3	"10192874"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 10:41
S37	3	"10192784"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 11:02
S38	286	(166/358,361).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 11:02
S39	266	(166/277).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 11:02
S40	391	(175/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 11:02
S41	578	(166/344,301).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/14 11:03
S42	7	(( "6079498" ) or ( "3602302" )) . PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/21 23:51
S43	33	("6079498").URPN.	USPAT	OR	OFF	2007/11/21 23:53
S44	13	(( "3291217"   "3608631"   "4989671"   "5040603"   "5199496"   "5267616"   "5435338"   "5437302"   "5460277"   "5478504"   "5636693"   "5913637" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/21 23:56
S45	1946	(pipeline flowline) and hydrocarbon and tap\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:21
S46	1772	(pipeline flowline) and hydrocarbon and well and tap \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:22
S47	313	(pipeline flowline) and (offshore subsea) and hydrocarbon and well and tap \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:25
S48	209	(pipeline flowline) and (offshore subsea) and hydrocarbon and well and tap \$3 and drill\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:26
S49	12	(pipeline flowline) near5 tap\$3 and (offshore subsea) and hydrocarbon and well and drill \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:29

S50	938	(137/317,318,15.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/18 18:46
S51	13	S50 and hydrocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/18 18:47
S52	39	("2679173"   "2800812"   "3132622"   "3508410"   "3578233"   "3851492"   "4063619"   "4076130"   "4091514"   "4116015"   "4155669"   "4223925"   "4279551"   "4436449"   "4441328"   "4443129"   "4450857"   "4535822"   "4579480"   "4579484"   "4654590"   "4720213"   "4784525"   "4832530"   "4878694"   "4880335"   "5002441"   "5074713"   "5439331"   "5593249"   "5642965"   "5755537"   "6012878"   "RE27745").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 19:02
S53	3	("6648562").URPN.	USPAT	OR	OFF	2008/06/18 19:37
S54	7	("0884565"   "2840166"   "3614252"   "4579484"   "5439331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 20:08
S55	6233	pipeline and interven\$4 and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/01 20:05
S56	47	pipeline and interven\$4 and storage and (offshore subsea) and coiled	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/01 20:06
S57	15	("3469627"   "3504740"   "3504741"   "3855656"   "4730677"   "4768984"   "5226482"   "5295546"   "5778981"   "6102124"   "6155748"   "6328107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/01 20:38
S58	16	("3469627"   "3504740"   "3504741"   "3855656"   "4730677"   "4768984"   "5226482"   "5295546"   "5390743"   "5778981"   "6102124"   "6155748"   "6328107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/01 20:48
S59	1	("6536528").URPN.	USPAT	OR	OFF	2008/09/01 20:49
S60	0	("6752214").URPN.	USPAT	OR	OFF	2008/09/01 20:50
S61	0	("6752214").URPN.	USPAT	OR	OFF	2008/09/01 20:50

S62	0	("2003/0075335").URPN.	USPAT	OR	OFF	2008/09/01 20:50
S63	12	(pipeline flowline) near5 tap\$3 and (offshore subsea) and hydrocarbon and well and drill \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:33
S64	14024	pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:33
S65	1018	pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well and offshore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:33
S66	207	(405/184.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:33
S67	310	(166/358,361).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:37
S68	305	(166/277).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:37
S69	421	(175/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:37
S70	660	(166/344,301).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:37
S71	952	(137/317,318,15.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/10 12:37
S72	2796	S66 S67 S68 S69 S70 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/10 12:38

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	21	((166/361,277,301) or (405/184.1) or (137/15.12)).CCLS.	UPAD	OR	OFF	2009/09/10 13:12

9/10/09 1:24:09 PM

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